

MAGNETIC STORM SUDDEN COMMENCEMENTS AND SOLAR FLARE EFFECTS (PRELIMINARY REPORT ON RAPID MAGNETIC VARIATIONS)

June 2001

| Storm Sudden Commencements (SSC) | | | Solar Flare Effects (sfe) | | |
|----------------------------------|------|--|---------------------------|-----------|--------------------|
| Day | Time | Quality: Station Group* | Day | Begin-End | Station(s) |
| 18 | 0259 | A: CLF* HYB ETT HER | 04 | 0445-0520 | MMB+ |
| | | B: NGK* MMB* EBR COI SPT* KAK KNY* GUI | 04 | 0803-0826 | BDV+ HTY+ ETT |
| | | C: BDV* NAG* HTY | 05 | 0443-0520 | KAK+ HTY+ KNY+ |
| | | | 05 | 1420-1430 | BDV+ |
| | | | 11 | 1402-1408 | NAG |
| | | | 13 | 1130-1204 | NGK+ BDV+ |
| | | | 15 | 1006-1022 | BDV+ |
| | | | 19 | 1515-1546 | HER |
| | | | 22 | 2119-2145 | HTY+ |
| | | | 22 | 2218-2235 | MMB+ KAK+ KNY+ |
| | | | 23 | 0010-0028 | MMB+KAK+HTY+KNY+ |
| | | | 23 | 0404-0430 | NGK+ BDV MMB+ |
| | | | | | KAK+ HTY+ KNY+ HYB |
| | | | | | GNA+ CNB+ |
| | | | 23 | 0622-0645 | MMB+KAK+HTY+KNY+ |

REPORTING OBSERVATORIES (up to the 2nd of August 2001):

SOD NUR NGK VAL BDV CLF HRB NAG MMB EBR COI SPT KAK HTY KNY GUI HYB ETT GNA HER CNB

Three-letter codes identify each observatory. Reporting stations have been grouped by the character of the observed event. The letter A means very remarkable; B means fair, but unmistakable; C means very poor, doubtful; and - means no quality figure given. The * means that the SSC, at least in one component, was preceded by a small reversed impulse. SSCs are given only when five or more stations report the event. SFEs include all reports. If an SFE is confirmed by solar or ionospheric events, the name of the station is identified with a plus sign (+).